

APPENDIX A. ISSUES, QUESTIONS AND CONCERNS FROM PUBLIC MEETINGS

ISSUES:

Human health and safety

A total of nine questions and one comment (Table A1) were received regarding human health and safety of this project. Two questions concerned the risk of Btk to humans. One question asked about the use of other chemicals to treat gypsy moth. Questions regarding time of application, areas treated and how planes could apply material were asked.

The response to Btk explained that Btk is a naturally occurring soil bacterium, that minor eye or nasal irritation may occur to a person directly exposed to Btk, and there is no long-term health effects to people. The response regarding chemicals used to treat gypsy moth explained that certain chemicals are approved for federal projects but there are other chemicals registered for use against gypsy moth. The timing of treatments and the aerial application method were explained. Boundaries of the treatment sites were explained and demonstrated with maps and photos.

Table A1. Summary of questions regarding Human Health and Safety at the Public Meetings.

Proposed Treatment Site	Treatment	Questions addressed:
Northbrook, Jongkind, Lamb's Chapel	Mating Disruption, Btk	Is Long Beach going to be treated? Do the planes spot spray-can they avoid businesses? Will the spray schedule be published? What are the dates-as a window-so we'll have an idea? We don't have to worry about people glowing after you spray? Any reports of allergic reactions to Bt?
Rest Park	Btk	Do you use malathion or any other chemicals when you spray? What can homeowners do? I've used Bt, and it seems extremely safe.
Dewart, Pierceton, Robinson Lake	Mating Disruption, Btk, Mass Trapping	None
Old Trail	Mating Disruption, Btk	We live next to a Christmas tree farm. Are we at risk?
Wakarusa, Ash/Pierce	Mating disruption, mass trapping	None

Nontarget and environmental effects

For nontarget effects, questions (Table A2) inquired about Btk effects on nontargets and its role in the soil. There were no questions regarding nontarget and environmental effects of pheromone flakes. There was no major concerns or questions regarding adverse effects to threatened and endangered species.

The response explained that Btk would have an affect on other lepidoptera larvae but not on other nontarget organisms. The response explained that Btk's can persist for several months in the soil but insecticidal activity is reduced. The public was directed to the gypsy moth Slow-The-Spread website for a site to find information on Bt.

Table A2: Summary of questions regarding Nontarget and Environmental effects at the public meetings.

Proposed Treatment Site	Treatment	Questions addressed:
Northbrook, Jongkind, Lamb's Chapel	Mating Disruption, Btk	I own an orchard; will your spraying affect the fungicides that I apply? What is the ppm count of Bt in the soil? Does Bt effect the balance and equilibrium of other organisms already in the soil? Is there a website to investigate Bt in the soil?
Rest Park	Btk	Do you have a list of preferred trees the gypsy moth eats? Do they eat corn or wheat? Do they chew needles off of pines?
Dewart, Pierceton, Robinson Lake	Mating Disruption, Btk, Mass Trapping	Btk affects all caterpillars? If they are at the Cemetery couldn't they be just about anywhere?
Old Trail	Mating Disruption, Btk	Do they like spruce trees? Do they get on walnut trees?
Wakarusa, Ash/Pierce	Mating disruption, mass trapping	None

Economic and political impacts

Three (Table A3) were asked regarding economic and political impacts. They asked about how treatment sites were selected, the gypsy moth quarantine and requesting treatment.

The response stated that treatment sites are selected through analysis of survey data from detection and delimit traps using the protocol of the Slow-The-Spread Program. This analysis is reviewed by IDNR and USFS staff to confirm the need for treatment and to refine the treatment boundaries.

Regarding request for treatments, the response explained that under the present management need for gypsy moth, requests for treatment are not accepted. In the future, requests will be accepted when a suppression program to manage gypsy moth is implemented.

Regarding the quarantine, the response explained that compliance programs are available for industries to meet the requirements of the quarantine that will allow them to ship or move their products outside the quarantine area. They were also informed of the penalties for non-compliance with the quarantine and that homeowners can self-inspect or have a certified pesticide applicator do the inspection of outdoor household articles if they are making a household move.

Table A3. Summary of questions regarding Economic and Political Impacts at the public meetings.

Proposed Treatment Site	Treatment	Questions addressed:
Northbrook, Jongkind, Lamb's Chapel	Mating Disruption, Btk	None
Rest Park	Btk	Do you spray in areas that people request?
Dewart, Pierceton, Robinson Lake	Mating Disruption, Btk, Mass Trapping	None
Old Trail	Mating Disruption, Btk	Can homeowners buy stock from a quarantined county and bring it into a non-quarantined area? How do you arrive with your treatment areas?
Wakarusa, Ash/Pierce	Mating disruption, mass trapping	None

Likelihood of success

Three questions (Table A4) were asked regarding treatment success and issues related to success. Two questions concerned the effectiveness of pheromone flakes and Btk. The other question concerned public support.

The response to effectiveness explained that success is directly linked to what we know about the gypsy moth population in terms of density, area it occupies, and host availability. To be effective the treatment has to be carefully selected and applied at the right time and properly. Examples of past use of pheromone flakes and Btk were given to explain effectiveness.

For public support, the public meetings and discussions with community leaders were methods used to determine support.

Table A4. Summary of questions regarding Likelihood of Success at the public meetings.

Proposed Treatment Site	Treatment	Questions addressed:
Northbrook, Jongkind, Lamb's Chapel	Mating Disruption, Btk	How effective are pheromone flakes?
Rest Park	Btk	Does Bt work good on gypsy moth? How do you know if you have public support?
Dewart, Pierceton, Robinson Lake	Mating Disruption, Btk, Mass Trapping	None
Old Trail	Mating Disruption, Btk	None
Wakarusa, Ash/Pierce	Mating disruption, mass trapping	None

OTHER QUESTIONS AND CONCERNS

Table A5. Summary of questions regarding Other Questions and Concerns at the public meetings.

Proposed Treatment Site	Treatment	Questions addressed:
Northbrook, Jongkind, Lamb's Chapel	Mating Disruption, Btk	What can we use as homeowners to get rid of egg masses?
Rest Park	Btk	Does Tanglefoot work well? Are these funguses and viruses available to the public?
Dewart, Pierceton, Robinson Lake	Mating Disruption, Btk, Mass Trapping	Is there extensive defoliation in Steuben County?
Old Trail	Mating Disruption, Btk	What can homeowners use to spray? Can you but Bt is stores?
Wakarusa, Ash/Pierce	Mating disruption, mass trapping	